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(71) Applicant (for all designated States except US): **SCIMED LIFE SYSTEMS, INC.** [US/US]; One Scimed Place, Maple Grove, MN 55311-1566 (US).

(72) Inventor; and

(75) Inventor/Applicant (for US only): **FREYMAN, Toby** [US/US]; 41 Warwick Road, Watertown, MA 02472 (US).

(74) Agents: **STERN, Gidon, D. et al.**; Jones Day, 222 East 41st Street, New York, NY 10017-6702 (US).

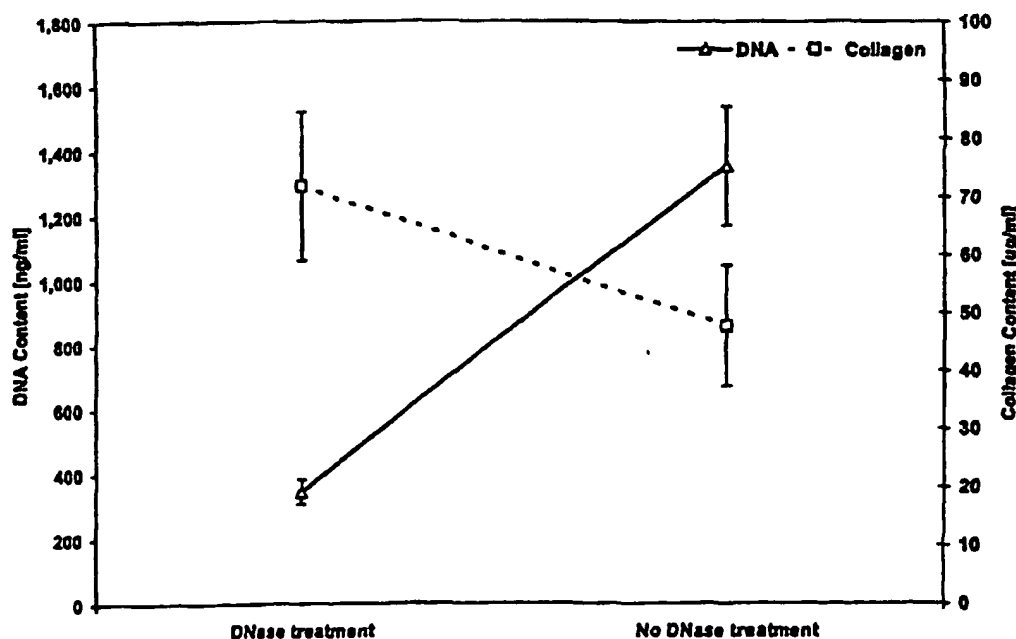
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[Continued on next page]

(54) Title: **DECELLULARIZED BONE MARROW EXTRACELLULAR MATRIX**



(57) Abstract: The invention is directed to compositions comprising decellularized bone marrow extracellular matrix and uses thereof. Methods for repairing or regenerating defective, diseased, damaged or ischemic tissues or organs in a subject, preferably a human, using the decellularized bone marrow extracellular matrix of the invention are also provided. The invention is further directed to a medical device, preferably a scaffold, comprising decellularized bone marrow extracellular matrix.

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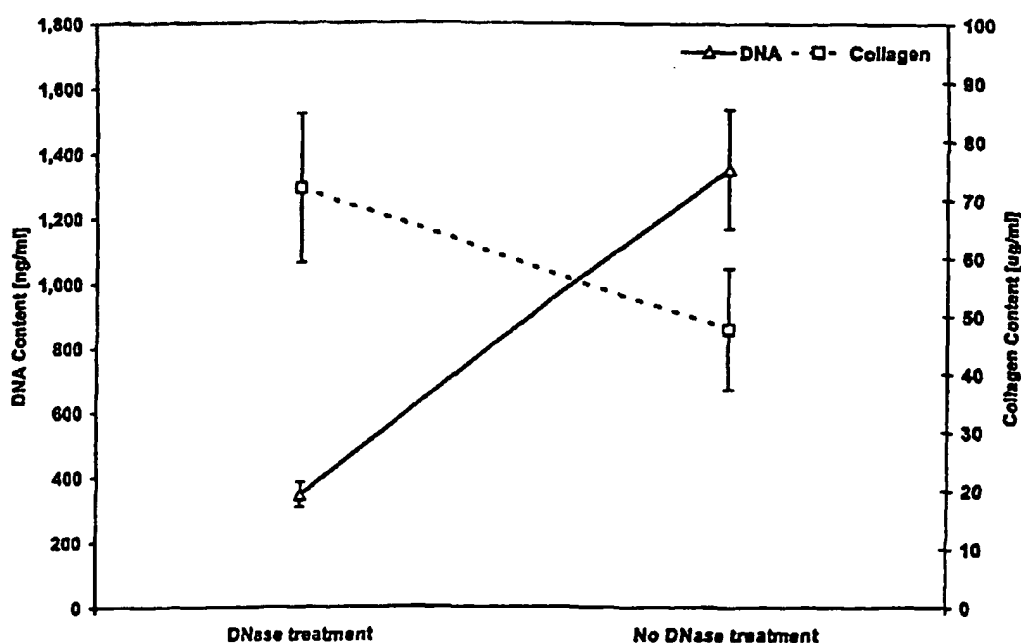
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WO 2005/009498 A3



— *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*

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# INTERNATIONAL SEARCH REPORT

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**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 A61L27/36 A61L31/08

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 A61L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, BIOSIS, EMBASE, PAJ, WPI Data, COMPENDEX

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>LEE M ET AL: "Comparison of bone marrow extracellular matrices" BIOCHIMICA ET BIOPHYSICA ACTA - GENERAL SUBJECTS, ELSEVIER SCIENCE PUBLISHERS, NL, vol. 1428, no. 2-3, 5 August 1999 (1999-08-05), pages 300-304, XP004276451 ISSN: 0304-4165 "Preparation of bovine bone marrow extracts" on page 301</p> <p style="text-align: center;">----- -/--</p>	<p>1-3, 5-7, 12-19, 21-25, 50-57, 59-65</p>

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Date of the actual completion of the International search

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Name and mailing address of the ISA  
European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

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Pilling, S

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International Application No.

PCT/US2004/023188

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	VITURI C L ET AL: "Alterations in proteins of bone marrow extracellular matrix in undernourished mice" BRAZILIAN JOURNAL OF MEDICAL AND BIOLOGICAL RESEARCH, vol. 33, no. 8, August 2000 (2000-08), pages 889-895, XP009042495 ISSN: 0100-879X "Extracellular matrix protein extraction" on page 890	1-3,5-7, 12-19, 21-25, 50-57, 59-65
X	PETERS CHARLES ET AL: "Ovine bone marrow extracellular matrix and soluble protein extraction: Fetuin amino terminus microheterogeneity" AMERICAN JOURNAL OF THE MEDICAL SCIENCES, vol. 309, no. 5, 1995, pages 285-294, XP009042490 ISSN: 0002-9629 "Extracellular matrix protein extraction" on page 286	1-3,5-7, 12-19, 21-25, 50-57, 59-65
X	WO 01/03750 A (ADVANCED TISSUE SCIENCES INC) 18 January 2001 (2001-01-18) page 6, line 12 - line 25 page 7, line 18 - line 32 page 20, line 19 - line 28	1-65
X	WO 97/18842 A (ABATANGELO GIOVANNI ; CALLEGARO LANFRANCO (IT); FIDIA ADVANCED BIOPOLY) 29 May 1997 (1997-05-29) cited in the application abstract page 3, line 26 - page 4, line 6	1-65

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Information on patent family members

International Application No

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